

Amend

ABSTRACT

Composite wear component produced by casting and consisting of a metal matrix whose working face or faces include inserts which have a very high wear resistance, characterized in that the inserts consist of a ceramic pad, this ceramic pad consisting of a homogeneous solid solution of 20 to 80 % of Al_2O_3 and 80 to 20 % of ZrO_2 , the percentages being expressed by weights of the constituents, and the pad then being impregnated with a liquid metal during the casting.

Fig. 1

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